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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/780,316
Filing Date	2/9/2001
First Named Inventor	David W. Brown
Group Art Unit	2181
Examiner Name	
Attorney Docket Number	P213560

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³			
MAS		6,028,593		Rosenberg et al.	02/22/2000	
		5,821,920		Rosenberg et al.	10/13/1998	
		6,147,647		Tassoudji et al.	11/14/2000	
		5,956,484		Rosenberg et al.	09/21/1999	
		6,101,530		Rosenberg et al.	08/08/2000	
		6,161,126		Wies et al.	12/12/2000	
		6,125,385		Wies et al.	09/26/2000	
		6,061,004		Rosenberg	05/09/2000	
		6,046,727		Rosenberg et al.	04/04/2000	
		6,078,308		Rosenberg et al.	06/20/2000	
		6,100,874		Schena et al.	08/08/2000	
		6,166,723		Schena et al.	12/26/2000	
		6,128,006		Rosenberg et al.	10/03/2000	
		6,131,097		Peurach et al.	10/10/2000	
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		5,576,727		Rosenberg et al.	11/19/1996	
		5,691,898		Rosenberg et al.	11/25/1997	
MAS		6,057,828		Rosenberg et al.	05/02/2000	

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number	Kind Code ⁵ (if known)				

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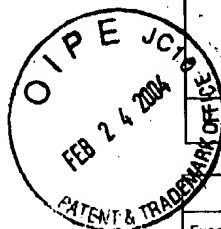
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MAB		5,889,672		Schuler et al.	03/30/1999	
		6,169,540		Rosenberg et al.	01/02/2001	
		5,701,140		Rosenberg et al.	12/23/1997	
		5,739,811		Rosenberg et al.	04/14/1998	
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		6,020,876		Rosenberg et al.	02/01/2000	
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		5,825,308		Rosenberg	10/20/1998	
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		6,173,316		De Boor et al.	01/09/2001	
		6,038,603		Joseph	03/14/2000	

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Sheet 1 of 3

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Application Number	09/780,316
Filing Date	02/09/2001
First Named Inventor	David W. Brown
Group Art Unit	2181
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Attorney Docket Number	P213560

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
MR		BRADLEY BARGEN and PETER DONNELLY; <u>Inside Direct X – In Depth Techniques for Developing High-Performance Multimedia Applications</u> ; 1988; Microsoft Press; U.S.	
		PETER KOVACH; <u>Inside Direct3D – The Definitive Guide for Real-Time 3D Power and Performance for Microsoft Windows</u> ; 2000; Microsoft Press; U.S.	
		M. FARSI and M. BARBOSA; <u>CANopen Implementation - Applications to Industrial Networks</u> ; 2000; Research Studies Press Ltd.; England and U.S.	
		WOLFHARD LAWRENZ; <u>CAN System Engineering – From Theory to Practical Applications</u> ; 1997; Springer-Verlag New York, Inc.; U.S.	
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		ROBERT BOSCH GmbH; "CAN Specification"; September, 1991; Version 2.0.	
		SISCO, INC.; "Overview and Introduction to the Manufacturing Message Specification (MMS)"; 1994-1995; Revision 2; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
		ISO-9506-1 "Industrial Automation Systems—Manufacturing Message Specification—Part 1: Service definition"; August, 2000; pp. i-22; ISO/IEC; Switzerland.	
		ISO-9506-2 "Industrial Automation Systems—Manufacturing Message Specification—Part 2: Protocol specification"; August 2000; pp. i-6; ISO/IEC; Switzerland.	
		SISCO, INC.; "MMS-EASE"; January 1996; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
MR		ANSI/EIA-484-A "Electrical and Mechanical Interface Characteristics and Line Control Protocol Using Communication Control Characters for Serial Data Link Between a Direct Numerical Control System and Numerical Control Equipment Employing Asynchronous Full Duplex Transmission"; June, 1995; Electronic Industries Association; U.S.	

Examiner Signature	M.A.S. dd191	Date Considered	6/10/04
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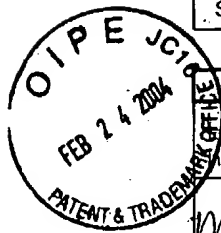
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/780,316
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Sheet	2	of	3

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
MBS		ISO/IEC 7498-1 "Information Technology—Open Systems Interconnection-Basic Reference Model: The Basic Model"; November 1994; U.S.	
		ISO/IEC 7498-3 "Information Technology—Open Systems Interconnection-Basic Reference Model: Naming and Addressing"; April 1997; U.S.	
		TODD J. SCHUETT; "The Benefits and Data Bottlenecks of High Speed Milling"; August, 1995; conference paper presented at Southeastern Michigan Chapter American Mold Builders Association; Creative Technology Corporation; U.S.	
		TODD J. SCHUETT; "The Ultimate DNC; Direct CNC Networking (DCN)"; <u>Modern Machine Shop</u> ; January, 1996; Creative Technology Corporation; U.S.	
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		LEITAO, MACHADO & LOPES; "A Manufacturing Cell Integration Solution"; paper developed at CCP as a part of the ESPRIT 5629 Project; October, 1995.	
		MITSUBISHI ELECTRIC; <u>Mitsubishi Electric Advance: Programmable Logic Controllers Edition</u> ; September, 1996; Vol. 76; Mitsubishi Electric Corporation; Tokyo.	
		FARSI, M.; "Flexible and Reliable Robotics Cells in Factory Automation"; 1993; pp. 520-525.	
		CHU & WANG; "Development of a Practical SFC System for CNC Machine Shop"; <u>International Conference on Data and Knowledge Systems for Manufacturing and Engineering</u> ; May 1994; pp. 362-367, Vol. 1; pp. xx+745, Vol. 2.; Chinese Univ.; Hong Kong.	
		FARSI, M.; "Device Communication for Flexible Manufacturing:-A New Concept"; 1994; pp. 328-334.	
MBS		FARSI, M.; "A Production Cell Communication Model in Factory Automation Using the Controller Area Network"; 1995; pp. 90-95.	

Examiner Signature	M. A. Riddig	Date Considered	6/10/09
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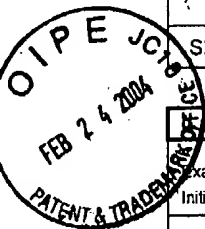
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Sheet 3 of 3



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ^o
MRE		FARSI, M. "CANopen: The Open Communications Solution"; 1996; pp. 112-116.	
		KATAYAMA et al.; "A Motion Control System with Event-driven Motion-module Switching Mechanism for Robotic Manipulators"; IEEE International Workshop on Robot and Human Communication; July, 1993; pp. 320-325; U.S.	
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		MICROSOFT CORPORATION; "How to Write and Use ActiveX Controls for Microsoft Windows CE 3.0"; Windows CE 3.0 Technical Articles; June, 2000; pp. 1-5.	
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